

A worldwide leader – rooted in Switzerland

In our pursuit of excellence, we count on innovative teams at our sites in Europe, the US and Asia. The heart and soul of our Group remains our sites in Switzerland, for both development and production.

Setting new standards on a global scale – for customers around the world. This is the challenge Mikron faces every day.

At all our sites, we strive to do more. We want to be more innovative, more responsive and more flexible.

Our sites in Switzerland remain the basis for this. This is where we are rooted. And this is where we find the best conditions in terms of know-how, efficiency, innovation, sustainability, and reliability.

We believe in Switzerland as a manufacturing powerhouse. That is why we invested a total of CHF 27 million here in 2021 and 2022. In doing so, we have created the conditions to maintain and further expand our leading position as a premium supplier of automation, machining and tooling solutions for demanding customers around the world.

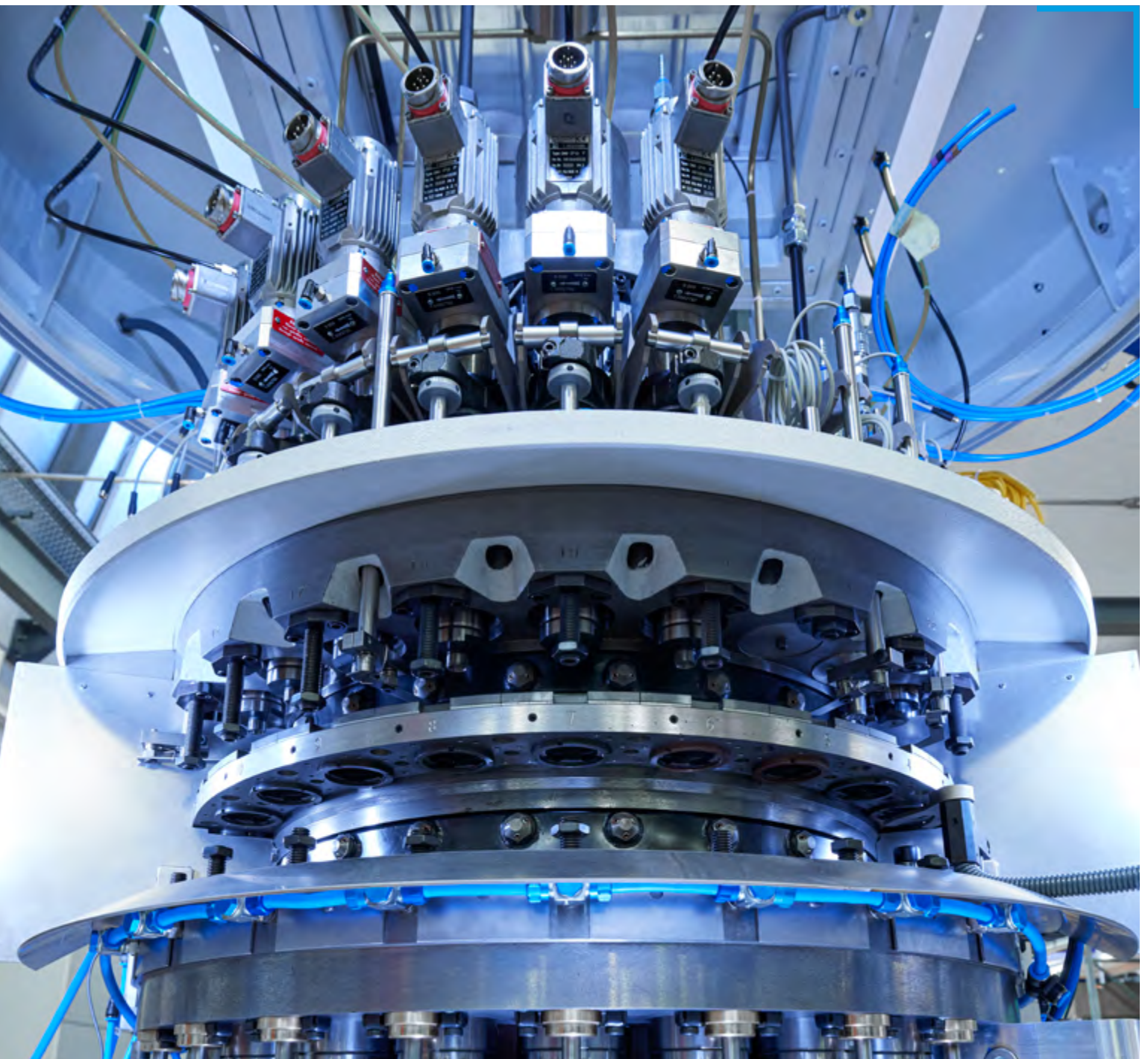


Mikron Machining – more efficient production processes with a smart production layout under one roof

With the commissioning of the new building in Agno in 2022, which is attached to the main building, Mikron Machining has achieved a quantum leap in production technology and sustainability.

Previously located in an externally rented building further away, Mikron Machining's internal production is now fully integrated in a new building equipped with the latest building and air-conditioning technology. The production layout and flow of goods have thus been optimized and significantly streamlined. In total, Mikron Machining has saved over 2,000 square meters of production space in Agno.

Thanks to more efficient production processes with extensive digitalization and automation, unstaffed shifts can now also be run at a far higher scale at Mikron Machining.



«Our internal cooperation has changed fundamentally as a result of our move to the new building and the proximity to Mikron Machining's other departments. A whole new team spirit has emerged.»

Bruno Jöhl, Head of Supply Chain at the Mikron Machining Division

Among other strategic parts, collets for Mikron Machining systems are manufactured in the new building. The production and assembly of these high-precision parts requires a constant room temperature of exactly 20 degrees Celsius. A new paint shop and a heat treatment facility were also re-integrated into the same building increasing responsivity and flexibility of the entire production cycle.

Efficient and sustainable

With this extensive modernization, Mikron Machining has not only invested significantly in production efficiency and employee satisfaction but has also taken a big step forward in terms of sustainability. For example, Mikron Machining in Agno will emit around 250 tons of CO₂ less per year than in previous years, while the freezing agent R22 banned for its negative impact on the ozone layer has been completely eliminated.



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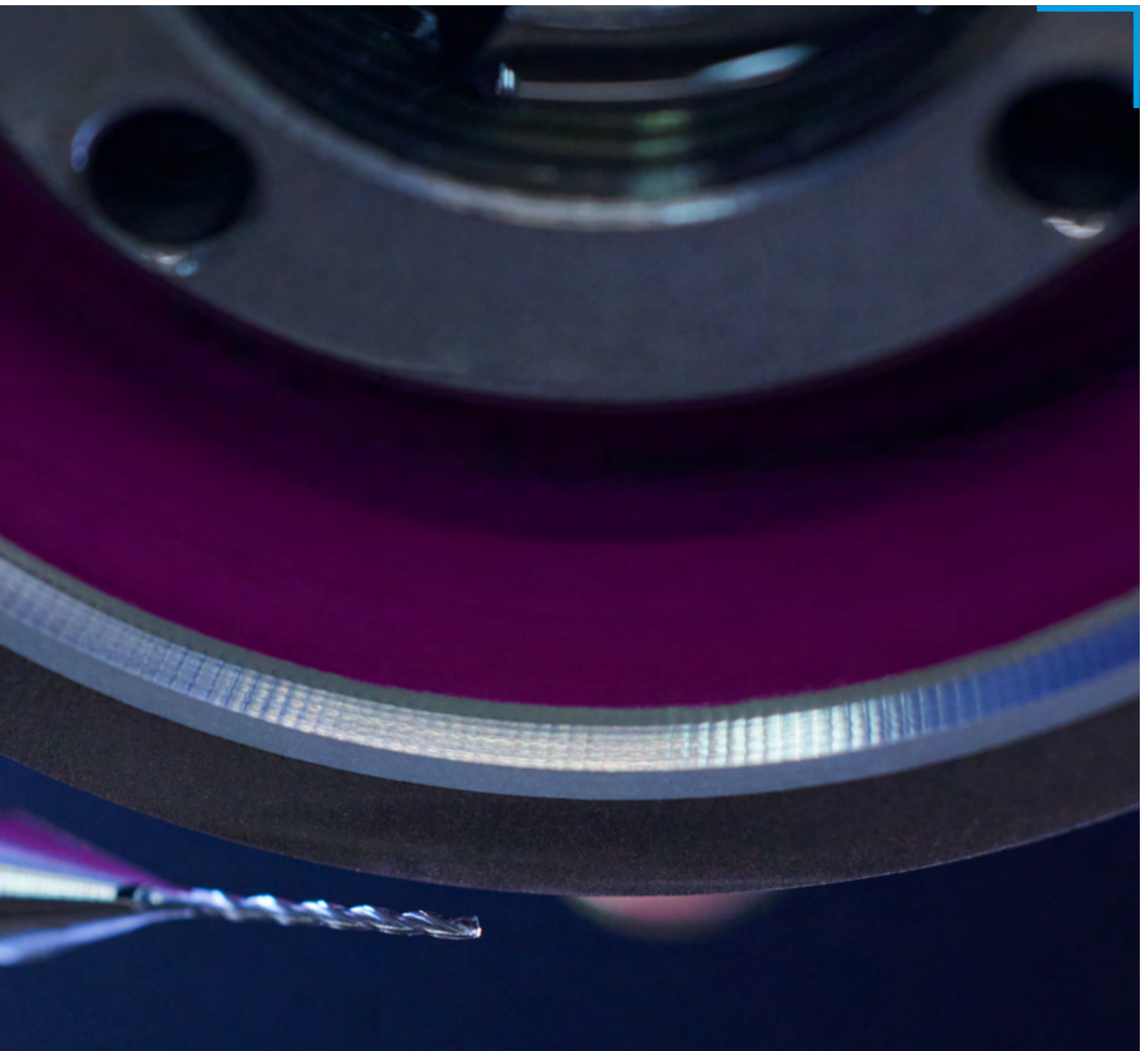


Mikron Tool – continuing its success story with expanded production facilities

Innovation and technological leadership – Mikron Tool is the leader in the manufacturing of cutting tools for the high-end market. With the expansion of its Agno site, the division is reaching another milestone in its unique success story. And it is creating new jobs in the region.

Steadily rising order volumes, high-capacity utilization and fully occupied production space – recently, Mikron Tool in Agno has increasingly reached the limits of its capacity for the production of its "crazy" tools. The answer: to expand production capacity with a state-of-the-art extension to the existing production building.

In 2022, Mikron Tool brought the new building, which is equipped with cutting edge building and air-conditioning technology, into operation. The two-story production hall with an area of 1,000 square meters is directly connected to the existing production facility. It is ideal for lean production and logistics, as everything remains under one roof. On the new area totaling 3,500 square meters of space, production is running at full speed in an extremely pleasant atmosphere. Production processes are fast and efficient.



«With the expansion of our manufacturing building, we have not only created the necessary conditions for further growth as a production company here in Agno. Our employees now have enough space to work efficiently in a pleasant, bright atmosphere. By using our own waste heat from production for room heating and hot water, we are leading the way for the industry here in Ticino.»

Elio Lupica, COO at the Mikron Tool Division

Heat recovery from production

Mikron Tool is setting a benchmark in terms of sustainability, as the division no longer consumes fossil fuels. The old oil heating system was replaced during construction of the new building by a state-of-the-art mixing system for heat recovery from production. With a heat exchanger, the waste heat generated by the industrial processes can be used for heating and hot water throughout the building complex in Agno. In addition, Mikron Tool saves 350,000 kilowatt hours of electricity annually with its completely upgraded refrigerating system.



Mikron's Next Factory in Boudry – a vision becomes reality

Next Factory is the name of Mikron Automation's industrial vision come true in Boudry. All processes are now brought together at one location: from technical development and design to production, final assembly and fine tuning for customers. All administrative staff are also located in the same building complex. The result: a marked increase in efficiency, much shorter throughput times, and significantly higher production output – the factory of the future.

With the addition of 7,800 square meters of production space, the total area of Mikron Automation's factory in Boudry has increased to 15,000 square meters.

The new part of the building complex consists of two floors: a ground floor, which is available for the final assembly of customer projects, and an upper floor, which houses the new Smart Office for 260 employees.

The existing parts of the building complex were converted, with the former assembly hall now housing a clocked production line for standard modules.

In addition, a warehouse with material handling, quality control, packaging and delivery area has been installed. The former administration building was converted into a state-of-the-art customer campus. It is equipped with dedicated offices and offers customers access to all technologies and relevant information.

There is also an auditorium equipped with the latest technology, a show room and meeting rooms for visitors.



«Our employees have quickly become very fond of the Smart Office, where there are no longer any fixed work-places. They really appreciate this work- ing environment, which they, or at least for the youngest of them, are generally already familiar with from their student days on campus.»

Christophe Rochat, Director of Finance and Administration, Mikron Boudry

An inspiring environment for better collaboration

The new Smart Office provides a collaborative and inspiring work environment for employees in terms of design, development and organization. Mobile workplaces and collaborative areas promote flexible and agile working. People and departments share ideas more easily and collaborate better, and the work process becomes more dynamic and efficient.

Resource-saving equipment, renewable energy sources and lower CO₂ emissions – the Next Factory is also an investment in sustainability. A new heating/cooling system reduces natural gas consumption by 90 percent. And a 1,370-square-meter photovoltaic system on the roof of the plant produces energy that Mikron Boudry can use to cover a large part of its own needs.

«With our expanded premises and new logistics concept, a flowing and perfectly timed production process has become possible: from material delivery to customer dispatch.»

Werner Beck, Project Manager Next Factory, Mikron Boudry

